

## EAST Search History

## EAST Search History (Prior Art)

| Ref # | Hits | Search Query   | DBs                    | Default Operator | Plurals | Time Stamp       |
|-------|------|--|------------------------|------------------|---------|------------------|
| L1    | 70   | (spectral same spatial) same resolution same (currency or note or coin or banknote or "value sheet")   | US-PGPUB; USPAT        | OR               | ON      | 2009/12/03 17:37 |
| L2    | 44   | (spectral with spatial) same resolution same (currency or note or coin or banknote or "value sheet")   | US-PGPUB; USPAT        | OR               | ON      | 2009/12/03 17:38 |
| L3    | 0    | (spectral with spatial) same resolution same (currency or note or coin or banknote or "value sheet").clm.  | US-PGPUB; USPAT        | OR               | ON      | 2009/12/03 17:38 |
| L4    | 1    | (spectral with spatial) same resolution same (currency or coin or banknote or "value sheet")   | US-PGPUB; USPAT        | OR               | ON      | 2009/12/03 17:38 |
| L5    | 16   | ("3834817"   "4841140"   "4922337"   "5159199"   "5274567"   "5288586"   "5304813"   "5426710"   "5508525"   "5602939"   "5751842"   "5754674"   "5781314"   "5790188"   "5880846"   "6594038"). PN. OR ("6757419"). URFN. | US-PGPUB; USPAT; USOCR | OR               | ON      | 2009/12/03 17:39 |
| L6    | 47   | 1 and (spectral with spatial) same resolution  | US-PGPUB; USPAT        | OR               | ON      | 2009/12/03 17:40 |
| L7    | 47   | 1 and (spectral with spatial) same resolution  | US-PGPUB; USPAT        | OR               | ON      | 2009/12/03 17:40 |
| L8    | 1    | 4 and (spectral with spatial) same resolution  | US-PGPUB; USPAT        | OR               | ON      | 2009/12/03 17:40 |
| L9    | 2    | 5 and (spectral with spatial) same resolution  | US-PGPUB; USPAT        | OR               | ON      | 2009/12/03 17:40 |
| L10   | 21   | ("feature vector") and (spectral with spatial) same resolution   | US-PGPUB; USPAT        | OR               | ON      | 2009/12/03 17:43 |

|     |       |  |                 |    |    |                  |
|-----|-------|--|-----------------|----|----|------------------|
| L11 | 841   | ("feature vector") and (spectral or frequency or frequen\$6 or wavelength) same resolution                           | US-PGPUB; USPAT | OR | ON | 2009/12/03 17:58 |
| L12 | 33    | ("feature vector") and (spectral or frequency or frequen\$6 or wavelength) same resolution.cdm.                      | US-PGPUB; USPAT | OR | ON | 2009/12/03 17:58 |
| L13 | 0     | (spectral same spatial) same resolution same (currency or note or coin or banknote or "value sheet") and LVQ.cdm.    | US-PGPUB; USPAT | OR | ON | 2009/12/03 17:59 |
| L14 | 0     | (spectral same spatial) same resolution same (currency or note or coin or banknote or "value sheet") and LVQ         | US-PGPUB; USPAT | OR | ON | 2009/12/03 17:59 |
| L15 | 0     | (spectral same spatial) same resolution same "LVQ"   | US-PGPUB; USPAT | OR | ON | 2009/12/03 18:00 |
| L16 | 2876  | (spectral same spatial) same resolution  | US-PGPUB; USPAT | OR | ON | 2009/12/03 18:00 |
| L17 | 0     | (spectral same spatial) same resolution with "LQV"   | US-PGPUB; USPAT | OR | ON | 2009/12/03 18:00 |
| L20 | 0     | (spectral same spatial) same resolution same "LQV"   | US-PGPUB; USPAT | OR | ON | 2009/12/03 18:01 |
| L21 | 6     | (spectral same spatial) same resolution same ("LQV" or backpropagation)  | US-PGPUB; USPAT | OR | ON | 2009/12/03 18:01 |
| L22 | 12    | (spectral same spatial) same ("LQV" or backpropagation)  | US-PGPUB; USPAT | OR | ON | 2009/12/03 18:01 |
| L23 | 87789 | ("LVQ" or back propagation) same (currency or note or coin or banknote or "value sheet")                             | US-PGPUB; USPAT | OR | ON | 2009/12/03 18:03 |
| L24 | 888   | (spectral same spatial) and ("LVQ" or back propagation) same (currency or note or coin or banknote or "value sheet") | US-PGPUB; USPAT | OR | ON | 2009/12/03 18:03 |

|      |     |   |                 |    |     |                  |
|------|-----|---|-----------------|----|-----|------------------|
| L25  | 12  | (spectral same spatial) and ("LVQ" or back propagation) same (currency or coin or banknote or "value sheet")      | US-PGPUB; USPAT | OR | ON  | 2009/12/03 18:03 |
| L26  | 6   | (spectral same spatial) and ("LVQ" or backpropagation) same (currency or coin or banknote or "value sheet")       | US-PGPUB; USPAT | OR | ON  | 2009/12/03 18:04 |
| L33  | 0   | ("20061032726").PN.   | US-PGPUB; USPAT | OR | OFF | 2009/12/03 18:37 |
| S128 | 916 | 382/135-137,140.ccls.   | US-PGPUB; USPAT | OR | ON  | 2009/11/30 12:42 |
| S129 | 0   | 194/4.ccls.   | US-PGPUB; USPAT | OR | ON  | 2009/11/30 12:43 |
| S130 | 549 | 209/534.ccls.   | US-PGPUB; USPAT | OR | ON  | 2009/11/30 13:15 |
| S131 | 73  | S128 and S130   | US-PGPUB; USPAT | OR | ON  | 2009/11/30 13:15 |
| S132 | 14  | S131 and ("resolution")   | US-PGPUB; USPAT | OR | ON  | 2009/11/30 13:16 |
| S133 | 1   | ("7006664").PN.   | US-PGPUB; USPAT | OR | OFF | 2009/11/30 13:19 |
| S134 | 698 | ("resolution") same ((feature adj vector) or (feature near8 vector))  | US-PGPUB; USPAT | OR | ON  | 2009/11/30 13:22 |
| S135 | 38  | ("resolution") same ((feature adj vector) or (feature near8 vector)) same (currency or coin or document or check) | US-PGPUB; USPAT | OR | ON  | 2009/11/30 13:22 |

## EAST Search History (Interference)

| Ref # | Hits | Search Query                                       | DBs         | Default Operator | Plurals | Time Stamp       |
|-------|------|--|-------------|------------------|---------|------------------|
| L18   | 0    | (spectral same spatial) same resolution with "LQV" | USPAT; UPAD | OR               | ON      | 2009/12/03 18:00 |
| L19   | 0    | (spectral same spatial) same resolution with "LVQ" | USPAT; UPAD | OR               | ON      | 2009/12/03 18:00 |
| L27   | 206  | 382/191.ccls.                                      | USPAT; UPAD | OR               | ON      | 2009/12/03 18:18 |

|     |      |                           |                          |    |    |                  |
|-----|------|---------------------------|--------------------------|----|----|------------------|
| L28 | 829  | 382/135-140.ccls.         | USPAT; UPAD              | OR | ON | 2009/12/03 18:18 |
| L29 | 12   | 27 and 28                 | USPAT; UPAD              | OR | ON | 2009/12/03 18:18 |
| L30 | 0    | 29 and ("feature vector") | USPAT; UPAD              | OR | ON | 2009/12/03 18:18 |
| L31 | 0    | 29 and ("LVQ")            | USPAT; UPAD              | OR | ON | 2009/12/03 18:19 |
| L32 | 1    | 29 and (interpolat \$6)   | USPAT; UPAD              | OR | ON | 2009/12/03 18:19 |
| L34 | 268  | 382/191.ccls.             | US-PGPUB;<br>USPAT; UPAD | OR | ON | 2009/12/03 18:39 |
| L35 | 529  | 382/135.ccls.             | US-PGPUB;<br>USPAT; UPAD | OR | ON | 2009/12/03 18:40 |
| L36 | 39   | 382/136.ccls.             | US-PGPUB;<br>USPAT; UPAD | OR | ON | 2009/12/03 18:42 |
| L37 | 389  | 382/137.ccls.             | US-PGPUB;<br>USPAT; UPAD | OR | ON | 2009/12/03 18:44 |
| L38 | 87   | 382/140.ccls.             | US-PGPUB;<br>USPAT; UPAD | OR | ON | 2009/12/03 18:44 |
| L39 | 139  | 382/157.ccls.             | US-PGPUB;<br>USPAT; UPAD | OR | ON | 2009/12/03 18:45 |
| L40 | 268  | 382/191.ccls.             | US-PGPUB;<br>USPAT; UPAD | OR | ON | 2009/12/03 18:45 |
| L41 | 83   | 194/214.ccls.             | US-PGPUB;<br>USPAT; UPAD | OR | ON | 2009/12/03 18:46 |
| L42 | 555  | 209/534.ccls.             | US-PGPUB;<br>USPAT; UPAD | OR | ON | 2009/12/03 18:47 |
| L43 | 1120 | 356/71.ccls.              | US-PGPUB;<br>USPAT; UPAD | OR | ON | 2009/12/03 18:47 |

12/3/2009 7:01:15 PM

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Processing Signals in Testing Currency Items\_10\_519\_032.wsp